

Nirav Venkatesan

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Linkedin: [linkedin.com](https://www.linkedin.com/in/nirav-v) | Github: github.com/nirav-v | Portfolio: nirav-v.github.io/vibe_central/

Highly motivated Full Stack Developer with a background in Biology. Passion for solving problems and creating innovative applications. Adaptable to a diverse range of positions, excellent organization and time-management skills, strong communication and writing abilities, and highly efficient in collaborative work environments. Possess leadership capabilities, a tenacious work ethic, and a desire to learn.

Technical Skills

Languages: JavaScript, Python, Java, HTML, CSS

Libraries and Frameworks: Node.js, Express.js, React, Flask, Spring, Apollo, GraphQL, Handlebars.js, Jinja, Webpack, Material UI, Bootstrap, jQuery

Databases and ORMs: MongoDB, Mongoose, MySQL, Sequelize, SQLAlchemy

Platforms: Github Pages, Heroku, AWS

Applications: REST APIs, Progressive Web Applications, Bioinformatics, Computer Science

Projects

Restroom-Finder | <https://github.com/nirav-v/the-bowel-mvmt/> | <https://the-bowel-mvmt.herokuapp.com/>

- Location-based app crowdsourcing data on public restrooms.
- Configured database using MongoDB geospatial queries, tested all graphql queries and mutations on server-side, and implemented logic for dynamic data rendering on client-side.
- Javascript, React, Material UI, Apollo, Express.js, GraphQL, MongoDB, Mongoose.

Adopt -an-Owner | <https://github.com/nirav-v/adopt-an-owner> | <https://radiant-wave-08847.herokuapp.com/>

- Prospective adopters create online profiles so shelters and foster homes can actively find them.
- Following MVC paradigm, set up SQL schema, database queries, and routes for all pages.
- JavaScript, HTML, CSS, Express.js, Handlebars, MySQL, Sequelize, third-party APIs.

Work Experience

US Fish and Wildlife Service

May - August 2021

Conservation Bank Intern

Carlsbad, CA

- Monitored compliance of management over federally protected conservation banks.
- Assessed legal agreements between land managers and USFWS to determine requirements.
- Discussed and helped resolve noncompliance issues with multiple land management entities.

SDSU - Dr. Clark Behavioral Ecology Lab

Spring 2021

Undergraduate Research Assistant

San Diego, CA

- Researched characteristics of hybrid rattlesnake population.
- Behavioral analysis of hunting videos using BORIS software.

Education

University of California San Diego

June 2022

Certificate in Full Stack Web Development

San Diego State University

December 2021

Bachelor of Science, cum laude, Biology

Honors Minor in Interdisciplinary Studies